



Attorney's Docket No. MP0096  
Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: )  
Pantas SUTARDJA, et al. ) Group Art Unit: 2133  
Application No.: 10/074,747 ) Examiner: Joseph D. TORRES  
Filed: February 11, 2002 )  
For: ENCODING AND DECODING ) Date: August 20, 2004  
APPARATUS AND METHOD WITH )  
HAMMING WEIGHT )  
ENHANCEMENT )

**RESPONSE TO REQUIREMENT FOR RESTRICTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In complete response to the Office Action dated July 23, 2004, requiring restriction under 35 U.S.C. § 121, Applicants hereby provisionally elect, without traverse, the Group I invention, comprising claims 1-10, 24-33, 38-47, 65-74, 88-97, 102-111, 118-137, 155-164 and 171-180 (the Patent Office's assumption that claim 137 should depend from claim 136, and not claim 146, is correct), drawn to a communication encoding method comprising processing the initial binary data based on the comparison to thereby develop processed binary data having a Hamming weight not less than the characteristic Hamming weight of the initial binary data, classified in class 714, subclass 781. Applicants reserve the right to file divisional applications directed to the non-elected inventions.

Should the Examiner have any questions regarding this response or the application in general, the Examiner is urged to contact the Applicants' attorney, Andrew J. Bateman, by telephone at (202) 625-3547. All correspondence should continue to be directed to the address given below.

Respectfully submitted,  
KATTEN MUCHIN ZAVIS ROSENMAN

By: 

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2133  
JRW

PTO/SB/21 (08-00)

MODIFIED

# TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

		Application Number	10/074,747
		Filing Date	02/11/2002
		First Named Inventor	Pantas SUTARDJA
		Group Art Unit	2133
		Examiner Name	Joseph D. Torres
Total Number of Pages in This Submission		Attorney Docket Number	MP0096

ENCLOSURES <i>(check all that apply)</i>			
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> RESPONSE TO REQUIREMENT FOR RESTRICTION & SECOND PRELIMINARY AMENDMENT	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Request for Refund		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s) _____		
Remarks			

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Andrew J. Bateman Registration No.: 45,573
Signature	
Date	08/20/2004